ANT1
ANTENNA
J19
TMP
J20
TMP
ANT2
ANTENNA
L3
1mH PC
L4
1mH PC
GAP1
SPARK GAP
GAP2
SPARK GAP
D85
CMR1-10
S15
RELAY SPDT
TX IN
C10
.1uF SM
C11
.1uF SM
R133 1k SM
C12
.01uF 500v
C13
.1uF SM
L1
1mH
L2
1mH
D87
1N4007
D90
BAV21W
D92
BAV21W
D93
1N4007
R55
470 SM
R58
470 SM
C9
.1uF SM
D89
BAV21W
D91
BAV21W
C14
.1uF SM
R56
470 SM
R59
470 SM
L8
100uH SM
D88
1N4007
C75
.01uF 500v
L6
100uH SM
R57
47k SM
D94
1N4007
R60
3.3k SM
C16
.1uF SM
Q21
PZTA92
C15
.1uF SM
R61
10k SM
L9
100uH SM
R135
220 SM
R134
220 SM
L7
100uH SM
C17
.1uF SM
C18
.1uF SM
R
R
AUX ANT
L5
1mH PC
GAP3
SPARK GAP
S10
RELAY SN1A12A
D98
MMSD914
S9
RELAY SN1A12A
D99
MMSD914
S8
RELAY SN1A12A
D100
MMSD914
S4
RELAY SN1A12A
D101
MMSD914
S6
RELAY SN1A12A
D102
MMSD914
S5
RELAY SN1A12A
D103
MMSD914
S3
RELAY SN1A12A
D105
MMSD914
S2
RELAY SN1A12A
D106
MMSD914
S1
RELAY SN1A12A
D107
MMSD914
D96
MMSD914
D97
MMSD914
D95
MMSD914
K2
RELAY REED
J4
TMP
+13.8v
C73
.01uF SM
R81
560 SM
R84
2.2k SM
Q33
MMBT3904
R83
4.7k SM
Q32
MMBT3904
R82
4.7k SM
T2
BIFILAR CT
T1
TRANSFORMER
R62
47 SM
S7a
RELAY SN1A12A
D83
MMSD914
S7b
RELAY SN1A12A
D84
MMSD914
To SUB RX
J5
TMP
To MAIN RX
J6
TMP
+13.8v
R52
820 SM
R53
820 SM
R54
820 SM
C8
.1uF SM
CLOCK
ENABLE3
DATA
OUT8
OUT7
OUT6
CLOCK
GND
LGC VDD
STROBE
OUT5
OUT4
NC
OUT9
OUT 10
SER DA OU
LD VBB
SER DAT
BLNK
OUT1
OUT2
OUT3
NC
U3
A6810SLW
D86
5.1v SM

TEN-TEC, INC.
1185 DOLLY PARTON PARKWAY
SEVIERVILLE, TN 37862

Size	Document Number	REV
B	INPUT/OUTPUT A0	
Date: May 22, 2003	Sheet 3 of 5	